## FEB 1 5 2005

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Arthur E. BARNES

Confirmation No.:

7757

Serial No.:

10/608,734

Group Art Unit:

2863

Filed:

June 27, 2003

Examiner:

Tung S. LAU

For:

Measuring Discontinuity

Atty. Docket No.:

2149-00300

In Scismic Data

Client Ref No.:

2003-IP-011636

#### **RESPONSE TO OFFICE ACTION OF NOVEMBER 15, 2004**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 23313-1450

February 15, 2005

#### Dear Sir:

This paper is submitted in response to the above-named office action to further highlight why the application is in condition for allowance.

Amendments to the Specification begin on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

Ø 001

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Attached hereto is a Response To Office Action Mailed November 15, 2004

Total Number of Pages (Including This One): Ten (10)

FROM: Daniel J. Krueger, Direct Dial No. 713/238-8055

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